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4114	4452	ļ-u-l	585	147	2004	5064	1 1	n L	1 24	64	209	3728	H1ts 23
((118/300) or (118/308) or (118/313) or (118/315) or (118/317) or (118/323)).CCLS.	((118/300) or (118/308) or (118/313) or (118/315) or (118/317) or (118/323) or (118/dig.10)).CCLs.	(((cylinder near3 bore) with (line lines liner lining coating coats coated)) and (spray\$3 same nozzle)) and ((move moving movement) same (nozzle gun)) and ((118/315).CCLS.)	(118/315).CCLS.	(((427/445) or (427/446) or (427/456) or (427/421) or (427/427)).CCLS.) and (((427/230) or (427/233) or (427/234) or (427/236) or (427/239)).CCLS.)	((427/230) or (427/233) or (427/234) or (427/236) or (427/239)).CCLS.	((427/445) or (427/446) or (427/456) or (427/421) or (427/427)).CCLS.	er near3 bore) with (line lines liner lining coating coats coated)) y\$3 same nozzle)) and ((move moving movement) same (nozzle gun) same plural plurality multiplicity))	"4689463"   "4715261"   "4788402"   "4821508"   "4821509"   "4974487"   "4990739"   "5206059"   "5228620"   "5262206"   "5374802"   "5425231"   "5442153"   "5451740"   "5923293").PN.	6124563.URPN. 6124563.URPN. ("2922869"   "3212914"   "3312566"   "4142089"   "4370538"   "4374075"	(((cylinder near3 bore) with (line lines liner lining coating coats coated)) and (spray\$3 same nozzle)) and ((move moving movement) same (nozzle gun))	coating coats coated))	(cylinder near3 bore) with (line lines liner lining coating coats coated)	Search Text SHAIKH-Furgan-Zafar[in] BLAIR-Douglas-Howard[in] TABACZYNSKI-Rodney-John[in] PAN-Tsung-Yu[in]
USPAT; EPO; JPO; DERWENT	DERWENT DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; EPO: JPO:	USPAT; EPO; JPO;	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB;	USPAT; US-PGPUB; EPO; JPO; DEBWENT		USPAT USPAT USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;
2003/05/19	2003/05/19	2003/05/19	2003/05/19	2003/05/19	2003/05/19	2003/05/19	2003/05/19		2003/05/19 2003/05/19 2003/05/19		2003/05/16	2003/05/16	2003/05/28
12:00	11:59	11:59	11:56	11:55	11:30	11:29	15:36	 	10:42 10:43		14:51	14:50	12:26

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26	91	1 1685	26	941		173	179	39	180	P	<b>1–</b> 3
$\sim$	((cold near3 spray\$3) (gas near3 dynamic) (kinetic near3 spray\$3)) and ((((427/445) or (427/446) or (427/456) or (427/421) or (427/427)).CCLS.) (((427/230) or (427/233) or (427/234) or (427/236) or (427/239)).CCLS.) (((118/300) or (118/308) or (118/313) or (118/315) or (118/317) or (118/323) or (118/316; 10)) CCLS.)	ynamic) (kinetic near\$3)) and (((427/445) 421) or (427/427)).CCLS.) ((427/230) or ) or (427/239)).CCLS.) (((118/300) or ) or (118/317) or (118/323) or	plurality) same (nozzle gun projector)) ((cylinder near3 bore) same (coating lining) same (multiple multiplicity plural plurality) same (nozzle gun projector))	plurality) same (nozzle gun projector))) ((cylinder) same (coating lining) same (multiple multiplicity plural	(line lines liner lining coating coats coated)) and (spray\$3 same nozzle)) and ((move moving movement) same (nozzle gun)) and ((118/315).CCLS.)))) not ((((118/300) or (118/308) or (118/313) or (118/315) or (118/317) or (118/323) or (118/dig.10)).CCLS.) and ((cylinder) same (multiple multiplicity plural	(line lines liner lining coating coats coated)) and (spray\$3 same nozzle)) and ((move moving movement) same (nozzle gun)) and ((118/315).CCLS.))) (((cylinder) same (coating lining) same (multiple multiplicity plural plurality) same (nozzle gun projector))) not (((427/445) or (427/446) or (427/421) or (427/427)).CCLS.) and ((427/230) or (427/233) or (427/234) or (427/236) or (427/239)).CCLS.)) (((cylinder near3 bore) with	(coating lining) same (multiple multiplicit nozzle gun projector))) not ((((427/445) or (427/427)).CCLS.) and (((427/230) or (427/239)).CCLS.)) ((((cylinder near line)))	(((118/300) or (118/308) or (118/313) or (118/315) or (118/317) or (118/323) or (118/dig.10)).CCLS.) and ((cylinder) same (multiple multiplicity plural plurality) same (nozzle gun projector))	((cylinder) same (coating lining) same (multiple multiplicity plural plurality) same (nozzle gun projector))	18/308) or (118/313) or (118/315) or (118/317) or (118/323) CLS.) and ((cylinder near3 bore) same (multiple plurality) same (nozzle gun projector))) not (((cylinder line lines liner lining coating coats coated)) and (spray\$3 ((move moving movement) same (nozzle gun)) and	(((118/300) or (118/308) or (118/313) or (118/315) or (118/317) or (118/323) or (118/dig.10)).CCLS.) and ((cylinder near3 bore) same (multiple multiplicity plural plurality) same (nozzle gun projector))
USPAT; EPO; JPO; DERWENT	USPAT; EPO; JPO; DERWENT	USPAT; USPAT; EPO; JPO; DERWENT	USOCR	USOCR		USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT
2003/05/19 15:10	2003/05/19 14:48	2003/05/19 14:44 2003/05/19 14:47	2003/05/19 14:33	2003/05/19 14:33		2003/05/19 14:24	2003/05/19 12:04	2003/05/19 14:23	2003/05/19 14:32	2003/05/19 12:01	2003/05/19 12:02

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	19	54	768	18	12		54
"5506055"   "5516586"   "5518178"   "55360   "5730806"   "5773141"   "5780116"   "57801   "5817267"   "5845846"   "5912087"   "59287   "6015586"   "6038900"   "6102656"   "61031	"   "5024884"   "5048183"   "5059095"   "5180285"   "   "5506055"   "5516586"   "5518178"   "536022"   "   "5730806"   "573141"   "5780116"   "5780171"   "   "5817267"   "5845846"   "5912087"   "5928719"   "   "6015586"   "6038900"   "6102656"   "6103186"   "   "4730360"   "3455510"   "3754976"   "4610698"   "   "4430360"   "4552784"   "4576874"   "4610698"   "   "4714622"   "4764089"   "4854196"   "4865252"   "   "4913961"   "4914794"   "4916022"   "4964568"   "   "5024884"   "5048183"   "5059095"   "5180285"   "	"6444259").PN. "2149253"   "3100724"   "3455510"   "3754976"   "4073599"   "4382811"   "416421"   "4430360"   "4552784"   "4576874"   "4610698"   "4619845"   "4639399"   "4714622"   "4764089"   "4854196"   "4865252"   "4867639"   4880614"   "4913961"   "4914794"   "4916022"   "4964568"   "4999225"	(line lines liner lining coating coats coated) same (copper "Cu") same (graded gradient transient)	(line lines liner lining coating coats coated) same (copper "Cu") same (graded gradient transient)) and wear\$lresistant	"5/30806"   "5/3141"   "5/80116"   "5817267"   "5845846"   "5912087"     "6015586"   "6038900"   "6102656"   c near3 bore) with (line lines liner liner "Cu") same (graded gradient transi	9399"   "4714622"   "4764089"   "4854196"   "4865252"   " 0614"   "4913961"   "4914794"   "4916022"   "4964568"   " 6321"   "5024884"   "5048183"   "5059095"   "5180285"   " 2414"   "5506055"   "5516586"   "5518178"   "5536022"   " 2576"   "57760675"   "57777143"   "57777143"   "57777143"   "5777777143"   "57777143"   "5	"6444259").PN. "2149253"   "3100724"   "3455510"   "3754976"   "4073599"   "4382811"   4416421"   "4430360"   "4552784"   "4576874"   "4610698"   "4619845"
	USPAT; EPO; JPO; DERWENT	DERWENT USPAT USPAT	DERWENT USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;		USPAT
	2003/05/28 12:34	2003/05/28 12:34 2003/05/28 12:42	2003/05/19 15:58	2003/05/19 15:48	2003/05/19 15:46		2003/05/19 15:36 2003/05/19 15:11

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(engine with (cylinder bore)) and (wear\$lresistant abrasion\$!resistant liner lining lined) and ((copper "Cu") same (gradient graded ((vary varies varied varying) near3 (compositional compositionally))))	"4639399"   "4714622"   "4764089"   "4854196"   "4865252"   "4867639"   "4880614"   "4913961"   "4914794"   "4916022"   "4964568"   "499225"   "5006321"   "5024884"   "5048183"   "5059095"   "5180285"   "5210944"   "5704759"   "5730806"   "5773141"   "5780116"   "5780171"   "5782414"   "5997248"   "6015586"   "6038900"   "6102656"   "6103186"   "6106959").PN.)  not (("2149253"   "3100724"   "3455510"   "3754976"   "4073599"   "4382811"   "4416421"   "4430360"   "4552784"   "4576874"   "4865252"   "4867639"   "4764089"   "4854196"   "4865252"   "4867639"   "4867639"   "4880614"   "4913961"   "4914794"   "4916022"   "4964568"   "499225"   "5006321"   "5024884"   "5048183"   "5059095"   "5180285"   "5180285"   "5794759"   "5730806"   "573141"   "5780116"   "5780171"   "5782414"   "5997248"   "6106959").PN.)  "5997248"   "601556"   "5845846"   "5912087"   "5980171"   "5982414"   "5997248"   "6038900"   "6102656"   "5103186"   "6106959").PN.)  and (copper or "Cu"))  (engine with (cylinder bore)) and (wear\$1resistant abrasion\$!resistant liner	(("2149253"   "3100724"   "3455510"   "3754976"   "4073599"   "4382811"   "4416421"   "4430360"   "4552784"   "4576874"   "4610698"   "4619845"
EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	USPAT;	USPAT
2003/05/28 13:00	2003/05/28 12:59	2003/05/28 12:44